## 12/06/2006 WED 14:27 FAX 12489888363 Ø001/001 PART B - FEE(S) TRANSMITTAL Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 or Fax (571)-273-2885 INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate of further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for de fee notifications. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block I for any change of address) Note: A certificate of mailing can only be used for domestic mailings of the Fec(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. 026096 10/03/2006 Certificate of Mailing or Transmission CARLSON, GASKEY & OLDS, P.C. I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. 400 WEST MAPLE ROAD SUITE 350 **BIRMINGHAM, MI 48009** Amy M. Spaulding (Depositor's name) 12/07/2006 RMEBRAH1 00000098 030835 10734085 (Signate FC:1501 1400.00 DA December 6, 2006 (Date FC:1504 300.00 DA APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/734 085 12/11/2003 Young Kyu Park 60246-259 TITLE OF INVENTION: HEAT GENERATING EXPANDER FOR HEAT PUMP SYSTEMS APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE | PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$0 \$1700 01/03/2007 EXAMINER **ART UNIT** CLASS-SUBCLASS JONES, MELVIN 3744 062-527000 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1Carlson, Gaskey & Olds ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. (2) the name of a single firm (having as a member a "Fcc Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Carrier Corporation Syracuse, NY Please check the appropriate assignce category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fcc(s) are submitted: 4b. Payment of Fcc(s): (Please first reapply any previously paid issue fee shown above) issue Fee A check is enclosed. Publication Fee (No small cutity discount permitted) Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_03-0835 \_\_(enclose an extra copy of this form). Advance Order - # of Copies

Registration No. 46,174 This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 07/06) Approved for use through 04/30/2007.

5. Change in Entity Status (from status indicated above)

Authorized Signature

Typed or printed name

a. Applicant claims SMALL ENTITY status. Sec 37 CFR 1.27.

John M. Siragusa

OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

December 6, 2006

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

Date